Title (en)
    Numerical controller.

Title (de)
    Numerische Steuerung.

Title (fr)
    Commande numérique.

Publication
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Application
    EP 90111882 A 19900622

Priority
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Abstract (en)
    In a numerically controlled system including one or more multiple axis, multiple function controlled machines, of the type wherein control is exercised
    through the use of a processing program including a plurality of control words for respectively controlling functions of one or more machines,
    the improvement of the invention resides in the use of an expanded set of the control words created by adding one or more subwords to the
    conventional control words control words, at least a portion of the subwords being specific to a control group within which the control word will
    be effective or an axis or plane in which the control word will operate. An interpreter for the expanded control words is provided for expanding a
    processing program containing expanded control words into a plurality of control programs, at least a portion of which are specific to ones of the
    control groups. According to the invention, each axis of each of one or more machines, and each function to be performed by each of one or more
    machines, may be uniquely specified through the use of one or more of the control words in combination with one or more of the subwords.

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